

Work Order ID 115532

April-03-14 8:41:59 AM

Ship Friday 4/04

115532

Page 1

Item ID: D350-636-111

Accept

N9000040100

Setup Start

NS1

Revision ID: ~~PPELHM~~ *u*

Stop

NS2

Item Name: Wearplate

Start Date: 4/03/14 Start Qty: 1.00

1

Cust Item ID:

Required Date: 4/04/14 Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: *u*

Date:

Tooling:

Date:

Run Start

NR1

QC:

Date:

SPC (Y/N):

Date:

Stop

NR2

Sequence ID/
Work Center ID

Operation
Description

Set Up/
Run Hours

Tool ID

Tool #

Plan
Code

Accept
Qty

Reject
Qty

Reject
Number

Insp.
Stamp

Draw Nbr

Revision Nbr

DSI 9662

A

0.00

APR 04 2014

100

100

DOCUMENT CONTROL

0.00

DC

Memo

Doc.Control -USB or Paperwork

Photocopy bluefile & type labels per PPP D350-636-111 CHG001

DAS
06
9-89

u 14-04-03

110

110

Pick Kit

0.00

Packaging

Memo

0.00

Packaging

1x 14-4-3

DAS
26
9-89

120

120

QC4- 100% Inspect kits for completeness

0.00

QC

Memo

0.00

Quality Control

DAS
06
9-89

APR 04 2014

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Page 2

April-03-14 8:41:59 AM

Item ID: D350-636-111

Accept

N900040100

Setup Start *NS1*

Revision ID: PRELIM

Stop *NS2*

Item Name: Wearplate

Start Date: 4/03/14 Start Qty: 1.00 *1*

Cust Item ID:

Required Date: 4/04/14 Req'd Qty: 1.00 *1*

Customer:

Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____

Run Start *NR1*

QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Stop *NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Packaging	0.00							
130									
Packaging	Memo	0.00				DAS 31		DAS 06	
Packaging	Identify and pack for shipping as per PPP D350-636-111 Location: _____			APR 04 2014		9-89		9-89	
				Ship					
140	QC21- Final Inspection - Work Order Release	0.00							
140									
QC	Memo	0.00							
Quality Control									

14-04-4

14-04-4

Picklist Print

April-03-14 8:41:58 AM

Page 1

Work Order ID: 115532

115532

Parent Item: D350-636-111

D350-636-111

Parent Item Name: Wearplate

Start Date: 4/03/14

Required Date: 4/04/14

Start Qty: 1.00

Required Qty: 1.00

Comments: IPP REV:A 14.04.03 NEW ISSUE DD VERF:JLM

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
D4923-041 Wearplate Assembly		Manufactured	No				Each	2.0000					
D4923-041													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				prelim		2							
					112842	2							
D4933-041 Wearplate Assembly		Manufactured	No				Each	0.0000					
D4933-041													
D4934-041 Wearplate Assembly		Manufactured	No				Each	2.0000					
D4934-041													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				prelim		2							
					112843	2							
AN3C5A Bolt		Purchased	No				Each	705.0000					
AN3C5A													
				<u>Location</u>		<u>Loc Qty</u>		<u>Loc Code</u>					
				FG		5							
					122800	5							
				ST350		700							
					M128057	700							
AN960C10L Washer		Purchased	No				Each	0.0000					
AN960C10L													

DAS
26
9-89

DAS
31
9-89

DAS
31
9-89

DAS
31
9-89

DAS
26
9-89

DAS
26
9-89

DAS
31
9-89

DAS
26
9-89

DAS
31
9-89

APR 04 2014

REFERENCE

DART SERVICE INSTRUCTION

TO AMEND INSTALLATION INSTRUCTIONS IIN-D350-636 REV. J
AND INSTRUCTIONS FOR CONTINUING AIRWORTHINESS ICA-D350-636 REV. 3

REF. FAA STC: SR00646SE

REF. CANADIAN STC: SH99-7

REF. EASA STC: 10033942

1.0 PURPOSE:

The purpose of this service instruction is to introduce the D350-636-111 Wearplate Kit. The D350-636-111 Wearplate Kit replaces elements of the D350-636-011/-012/-013/-014 Skidtubes and elements of the D350-636-041/-043/-045 Wearshoe Kit and is designed to improve grip on low friction surfaces such as ice. The components in the D350-636-111 Wearplate Kit are defined in the parts list in Section 2.0.

2.0 PARTS LIST

ITEM	QTY	Part Number	Description
	-111		
	X	D350-636-111	WEARPLATE KIT
1	4	D4923-041	WEARPLATE ASSY
2	2	D4933-041	WEARPLATE ASSY
3	2	D4934-041	BLADE ASSY
4	24	AN3C5A	BOLT
5	24	AN960C10L	WASHER

3.0 WEIGHT AND BALANCE

The following is the net weight increases associated with the D350-636-111 Kit

Installation	Weight	LONGITUDINAL		LATERAL (STD GEAR)		LATERAL (HIGH GEAR)	
		Arm	Moment	Arm	Moment	Arm	Moment
D350-636-111 WEARPLATE KIT	3.82 lb 1.74 kg	132.1 in 3.4 m	504.8 in-lb 5.9 m-kg	0	0	0	0

4.0 INSTALLATION OF D350-636-111 WEARPLATE KIT

- Refer to Figure 1 on sheet 2 of this Service Instruction. Remove and retain the components indicated per ICA-D350-636, Sections 32.3 and 32.4. Ensure the AN8 fasteners are serviceable.
- Refer to Figure 2 on sheet 2 of this service instruction. Install the D4934-041 Blade Assy. Torque the AN8C21A bolts to 480-690 in-lbs (54.2-78.0 N-m).
- Refer to Figure 2 on sheet 2. Install the D4923-041 Wearplate Assy and the D4933-041 Wearplate Assy as shown. Torque the AN3C5A bolts to 15-25 in-lbs (1.7-2.8 N-m).
- Repeat this procedure for the other Skidtube.
- Adjust Weight and Balance per Section 3.0 of this Service Instruction.

DESIGN DB
DRAWN DB
CHECKED *AJS*
MFG. APPR. N/A
APPROVED *[Signature]*
DE APPR. *[Signature]*
DATE 13.09.11

DART AEROSPACE USA, INC.

KENT, WA

DRAWING NO.
WEARPLATE INSTALLATION
TITLE
DSI 9662

REV. A
SHEET 1 OF 2
SCALE
NTS

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